

August Mixed Waste Subgroups Highlights

The Hanford STCG Mixed Waste (MW) Subgroup met on August 12, 1999 in the ETB Wenatchee River Room. Norm Olson gave an update on the TIPs for this area. There are six new TIPs being reviewed now, most of which deal with work being covered by M-91. The MWFA is sending us \$100K this FY to begin putting a plan together to deal with one of our highest needs on site, the disposition of RH long-length equipment. This is in part due to the white paper that Norm wrote entitled: "Hanford Waste Management Project Needs Related to Robotics and Remote Operations". The paper deals with both caisson waste and long-length equipment and other oversized waste items that will require remote handling. There may be another \$500K next FY and also \$500K in FY2001 to start dealing with long-length equipment. We are trying to work with the Robotics Crosscut Program, the MWFA, and Sandia National Lab on this issue. The money is coming through on Idaho TTP to us.

Larbi Bounini updated the subgroup on the M-91 work. A PMP was submitted for MLLW treatment on June 30 and is now being reviewed by Ecology. This review is open until 12/1/99. The draft PMP for TRU Waste is scheduled to be ready for review in June 2000. This PMP will cover CH-TRU large size equipment and oversized waste as well as all RH-TRU Waste on-site. About 50% of the waste is now in trenches for a total estimate of ~ 8500 cubic meters of waste. None of this waste will meet WIPP requirements without treatment. Size reduction and repackaging will take care of much of this waste. The milestone for having TRU treatment in place is June 2005. The milestone for MLLW Treatment in place is June 2008. Larbi will begin next month to examine and analyze the treatment options, their availability, and the cost for new technologies to deal with TRU waste. One new issue that needs to be resolved is how ORP and WM will work together on waste from the tank farms. ORP has said they have no needs but most of the long-length equipment will come from the tanks.

Norm reported that work on the Boxed Waste Assay System (BWAS) was on hold because the contractor is not NQA-1 qualified. This requires a revision of the workscope for this effort. It will cost over one million dollars to complete the certification of the BWAS. Planning is now being done for next year's effort on BWAS in order to have BWAS testing done by June 2000. After that an audit will be performed on the system.

Information from the MWFA website, <http://wastenot.inel.gov/mwfa/>, was distributed to subgroup members. A summary report of the February Mid-Year Review held in Idaho Falls is available on the website and a copy of the Executive Summary was distributed to members. This report reviews the MWFA Projects in all current areas and provides a good overview of MWFA work now on going and in the future. Also available on the website and distributed was a copy of a Bill Owca viewgraph presentation that he gave at the 10th Annual

Applied Research, Development and Deployment Cleanup Technology Colloquium on May 12 in Scottsdale, AZ. This is a good overview of the successes, disappointments, and opportunities that the MWFA has encountered.

Norm Olson distributed a list of S&T deployments that WMH had in FY99. There are 8 deployments listed. The tectonite demonstration to solidify the high salt wastes at ETF will be finished by the end of the FY. The MWFA has provided some funding to do this work. A fiscal letter report will be written that describes how tectonite compares with other materials and methods in treating the salt wastes in cold tests. A memo was distributed from Dave Langstaff discussing a recommendation to the STCG Management Council that details why the Spent Nuclear Fuel activities will be reviewed in the MW Subgroup and the Nuclear Materials activities reviewed in the D&D Subgroup. This was approved by the MW Subgroup and the STCG MC will be voting on the scope additions for each subgroup in the future. The next MW Subgroup Meeting will be October 14, in the EESB Stampede Room.

Mixed Waste Subgroup Meeting Attendees – 08/12/99

Gary Ballew	PREC	946-0611
Bill Bonner	PNNL	372-6263
Larbi Bounini	WMH	376-4650
Ellen Dagan	DOE-RL	376-3811
Norm Olson	FDH-Tech MGT	372-4810
Craig Richins	DOE-RL	372-4020
Wayne Ross	PNNL	372-4684
Steve Weakley	PNNL	372-4275